

To: Hoff, Melanie[Hoff.Melanie@epa.gov]; Heimerman, Jeffrey[Heimerman.Jeff@epa.gov]; EOC Environmental Unit[EOC_Environmental_Unit@epa.gov]; Tidwell-Shelton, Patricia[Tidwell-Shelton.Patricia@epa.gov]
From: Tingley, Kevin
Sent: Tue 8/11/2015 1:22:12 PM
Subject: Fw: Metals Analysis Info
LC Results - Colorado Incident (08.10.2015).xls

Melanie,

Please see the attached spreadsheet survey from the ELRN compendium. The e-mail from Patricia Tidwell-Shelton explains the nature of the query.

Please let me know if you need other queries of this type.

Thanks,

-Kevin Tingley

EPA HQ EOC Water Desk

202-250-8920

From: Tingley, Kevin
Sent: Tuesday, August 11, 2015 9:16 AM
To: EOC Water
Subject: Fw: Metals Analysis Info

From: Tidwell-Shelton, Patricia
Sent: Tuesday, August 11, 2015 8:47 AM
To: Travers, David
Cc: Mapp, Latisha; Lynch, Marissa; Gardenier, George; Tingley, Kevin; Workman, Rosemary
Subject: FW: Metals Analysis Info

David,

I contacted the R8 Lab Director (Mark Burkhardt) on yesterday regarding the need for lab capacity to address the Colorado Mine Spill and because he was out of the office I spoke with his back-up Greg Saunders. Greg was not aware of this need because R8's lab was not being utilized; they are apparently using contract labs. Long story short, you'll see from Mark Burkhardt's message below that R8 reached out to the other Regions to address some of their capacity needs. I'll follow-up w/R8 today to see what kind of response they received from the other regional labs.

I think I also told you I spoke with Terry Smith regarding the region's request (wanted to make sure we weren't duplicating effort). I asked him to search for labs in the Lab Compendium who could assist if called upon to do so. A search was performed of the Laboratory compendium database and attached is a report of ERLN laboratories that have met one or more of the following criteria:

- ICP-MS (106 Laboratories)
- ICAP (93 Laboratories)
- States bordering Colorado w/ Select Instrumentation (ICP-MS, ICAP) (26 Laboratories)

(AZ, CO, KS, NE, NM, OK, TX, UT; No ERLN labs in WY with ICP-MS or ICAP)

Spreadsheet contains two tabs of data (sorted based on the following criteria):

- 1) All labs that have indicated that they have an ICP-MS and/or ICAP instrumentation (based on data in their Laboratory Compendium profile)
- 2) All labs that met the previous criteria AND are located in one of the select states surrounding the state of Colorado

I'll let you know what I find out from R8 later this morning.

Thanks!

Tresha

Patricia Tidwell-Shelton, Chief

Threats Analysis, Prevention and Preparedness Branch

Water Security Division

Office of Ground Water and Drinking Water

Office of Water

202-564-6319

From: Saunders, Greg
Sent: Monday, August 10, 2015 5:18 PM
To: Burkhardt, Mark
Cc: Tidwell-Shelton, Patricia
Subject: RE: Metals Analysis Info

Mark, shortly after you left for downtown I received a phone call from Patricia Tidwell-Shelton: cell (202)281-0111 desk:(202)564-6319.

Her inquiry was about Region 8 lab not having capacity to support the Las Animas river spill.

I had not seen your below email.

I explained that ESAT contractors were tasked for analysis this past week end.

The federal staff could offer some support but other work commitments would have to be suspended.

Below is your request to the other EPA lab directors around the country.

I have copied her in this email.

Please call her to discuss.

Gregory

From: Burkhardt, Mark
Sent: Monday, August 10, 2015 11:51 AM
To: RST Lab Directors
Subject: Metals Analysis Info
Importance: High

Hello everyone.

By now you have seen or read about the accidental discharge along the Animas River in Colorado. I am asking you as part of the regional lab network if you may be able to help with metals analysis. What I need from each of you by tomorrow morning (sorry for the short time frame) is the following:

- 1) Capacity for total and dissolved metals with a 36 hour turn-around time (receive at 10am and report out by the following day by close of business).**
- 2) Capacity for total and dissolved metals with a 48 hour turn-around time (receive at 10am and report out by 10 am the 2nd following day).**

The total sampling time could be for several weeks and the data would have to be in a Scribe data format. Thanks for your reply and please only respond with numbers you can sustain over long periods of time. Thanks, Mark

Mark Burkhardt, Ph.D.

Region 8 Laboratory Director

16194 West 45th Drive

Golden, CO 80403

Phone 303-312-7799

Fax 303-312-7800

burkhardt.mark@epa.gov

“We cannot solve our problems with the same thinking we used when we created them.”

Albert Einstein